

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

NM 14927

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 17, T25N, R8W

12. COUNTY OR PARISH 13. STATE

San Juan

N.M.

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
J. Gregory Merrion and Robert L. Bayless

3. ADDRESS OF OPERATOR
P.O. Box 507, Farmington, New Mexico 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
1840 FWL and 1765 FNL

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)
6428 KB

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) Completion

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Nov. 16, 1976 - Wilson Drilling Co. moved on location.

Nov. 17 - Drilled 9-7/8" surface hole to 63 ft. Ran 63 ft. of 7", 17 lb., J-55 casing and cemented with 10 sacks.

Nov. 18 - Drilling 5" hole to TD

(See attached report)

RECEIVED

JAN 26 1977



18. I hereby certify that the foregoing is true and correct

SIGNED Steven A. Slavin

TITLE Engineer

DATE 1-25-77

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

FEDERAL J-2

Primary Cementing Report

by Steven S. Dunn

Nov. 30, 1976 Tripped out with drill pipe and drill collars laying down in singles.. Ran 2-7/8" casing as per tally. Located centralizers and scratchers as follows:

- (1) Centralizers on the 2nd, 4th, and 6th joints from bottom of the collars.
- (2) Scratchers every 8 ft. starting on the 5th joint and ending on the 8th joint run. Total of ten scratchers run.
- (3) Plug catcher ran 19.70 ft. off bottom. Tagged bottom with casing at 2116.54 ft. KB. Perf. induction-electrical log Federal J-1.

Cemented casing (Fleet Cementers) as follows:

- (1) Pumped 16 bbls. of fresh water pad.
Volume casing - 12.16 bbls.
Volume annulus - 34.3 bbls.
- (2) Pumped 14.8 lb./gal. Class "G" slurry with 2% gel.
100 sx. volume - 23.3 bbls.
- (3) Blew lines and inserted wiper plug.
- (4) Flushed with 12 bbls. of sugar water bumped plug with 1200 PSIG and held pressure for two minutes.
- (5) Bled casing down.

Al Montoya, Welder, on location. Orange peeled 7" casing nipple to 2-7/8" production string, welded 2" collar to bradenhead, and welded 8 rd. - 2-7/8" pin and collar end to 10 rd. 2-7/8" production string. Surface hole - 9-7/8", to TD - 5". Wash out at 1000 ft., probable TOC. Left 2" plug valve and 2" L.P. nipple 8" long on location. For bradenhead valve.

FEDERAL J-2

Workover Report

Dec. 08, 1976

Rig up Western Co. and Blue Jet. Thawed lines; pressured 2-7/8" casing to 3250 PSIG. Pressure bled to 200 PSI in five minutes. Place valve between pressure transducer and the pumps. Pressured to 3250 PSIG and shut the valve. Pressure bled to 200 PSIG in six minutes. Cut surface casing from 2-7/8" production string. Tightened 2-7/8" production string. Pressured to 3200 PSIG, bled to 2600 PSIG in two minutes and holding. Tightened 2-7/8" some more estimated total 30 pounds. Retested and held 3100 PSIG.

Blue Jet ran in and perforated bottom zone: 1990'-1994' KB with 1 shot per foot. Broke zone down with 2400 PSIG and spotted six bbls. acid 15% HCL across Picture Cliff.

Blue Jet perforated remaining zones as follows:

1966-70' KB w/4 shots 1 PF
1956-60' KB w/3 shots (1 didn't penetrate)
1945-49' KB w/4 shots
1935-39' KB w/4 shots
1923-27' KB w/4 shots
1905-09' KB w/4 shots

Completed perforating at 4:30 p.m.

Faced well as follows:

2000 gal. PAD including flush on acid;
5250 gal. gel water starting at 1/2#/gal. grading quickly to
to 2#/gal. for 10,000 lbs. 10/20 sand;
Cut sand pumped 200 gal. gel water and dropped 10 balls 7/8";
Started sand back at 1#/gal. for 2,184 gal;
Cut sand for 714 gals;
Started sandback at 1#/gal. for 3,402 gal;
Increased sand to 2#/gal. for 4,032 gal;
Cut sand;
Flushed with 12 bbls.
Total fluid pumped - 443 bbls. fluid available;
Initial shut-down pressure - 800 PSIG;
Final shut-in in 15 minutes - 800 PSIG.

Shut well in at 7:00 p.m.